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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted with Initial Filing

OR

Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number

First Named Inventor

**COMPLETE IF KNOWN**

Application Number

Filing Date

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

To Improve the Performance of Fiber Transmission Systems by  
Transforming Return-To-Zero Format to Non-Return-To-Zero  
Format In Front of Receiver

*(Title of the Invention)*

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY)   as United States Application Number or PCT International

Application Number   and was amended on (MM/DD/YYYY)   (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/>	<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

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**Burden Hour Statement:** This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

発信元：長谷川 晃

電話番号：075 525 0700

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anhui liang

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## DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input type="checkbox"/>		Customer Number or Bar Code Label	<input type="checkbox"/> or <input checked="" type="checkbox"/> Correspondence address below
Name: Anhui Liang Address: 012, Brook Village East Apts., 319 East Main Street City: Marlborough      State: MA      ZIP: 01752 Country: US      Telephone: (781) 258-1043      Fax: (508) 460 1220			
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such wilful false statements may jeopardize the validity of this application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]): Anhui Inventor's Signature: A. W. Liang		Family Name or Surname: Liang Date: 7/8/01	
Residence: City: Marlborough      State: MA      Country: US		Citizenship: China	
Mailing Address: 012, Brook Village East Apts., 319 East Main Street City: Marlborough      State: MA      ZIP: 01752      Country: US			
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]): Hiroyuki Inventor's Signature: Hiroyuki Toda		Family Name or Surname: Toda Date: 7/9/01	
Residence: City: Sakai      State: Osaka      Country: Japan		Citizenship: Japan	
Mailing Address: (-9-13 Horie-midori-machi City: Sakai      State: Osaka      ZIP: 593-8305      Country: Japan			
<input checked="" type="checkbox"/> Additional inventors are being named on the <u>1</u> supplemental Additional Inventor(s) sheet(s) PTO/SER/2A attached hereto. (Page 2 of 2)			

発信元：長谷川 晃

電話番号：075 525 0700

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anhui liang

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Please type a plus sign (+) inside this box → 

Under the Patent-Trademark Act of 1996, no provision is contained to regard to a provision of information which is available only to the Commissioner of Patents and Trademarks.

Approved for use through 10/31/2002. GAMS 0851-0032  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE  
Information Disclosure Statement (IDS) - General Public

**DECLARATION**
**ADDITIONAL INVENTOR(S)**  
 Supplemental Sheet  
 Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle, if any)		Family Name or Surname	
Makoto		Suzuki	
Inventor's Signature	Makoto Suzuki		
Residence: City	State	Country	Date
Suita	Osaka	Japan	7/9/01
Mailing Address	Citizenship		
Dept. of Communication Engineering, Graduate School of Engineering,			
Mailing Address	Osaka University, 2-1 Yamada-oka		
City	State	ZIP	Country
Suita	Osaka	565-0671	Japan
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle, if any)		Family Name or Surname	
Akira		Hasegawa	
Inventor's Signature	Akira Hasegawa		
Residence: City	State	Country	Date
Higashiyama-ku	Tokyo	Japan	7/9/01
Mailing Address	Citizenship		
#403, 19-1 Awataguchi Sanjocho			
Mailing Address			
City	State	ZIP	Country
Higashiyama-ku	kyoto	605-0035	Japan
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle, if any)		Family Name or Surname	
Inventor's Signature			
Residence: City	State	Country	Date
Mailing Address			
Mailing Address			
City	State	ZIP	Country

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## DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

As the below named inventor(s), I/we declare that:

This declaration is directed to:

The attached application, or  
 Application No. \_\_\_\_\_, filed on \_\_\_\_\_,  
 as amended on \_\_\_\_\_ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

### FULL NAME OF INVENTOR(S)

Inventor one: Anhui Liang

Signature: A. H. Liang Citizen of: China

Inventor two: Hiroyuki Toda

Signature: \_\_\_\_\_ Citizen of: Japan

Inventor three: Makoto Suzuki

Signature: \_\_\_\_\_ Citizen of: Japan

Inventor four: Akira Hasegawa

Signature: \_\_\_\_\_ Citizen of: Japan

Additional inventors are being named on \_\_\_\_\_ additional form(s) attached hereto.

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the PTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.